

January 21, 1950.

Dear Max:

Enclosed is H-213, in fair purity, but it may be necessary to repurify it. In case it might be helpful, I am also sending vials of FMS Maltose and FMB Maltose dry mixes. They are the entire medium, wanting only water.

In previous series, the following segregants were verified (Lac⁻ Mal and T5 in that order:)

5-224 --s; 6-25 ++r 7-116 --r 12-~~2~~69,70 --s 12-209 --s

6-88 and 7-124 were impure, but I have not yet succeeded in reisolating a Lac⁺ y from them.

22-75 may be impure. Clone 22-25 is all --s 20-48 is all --r

20-113 --s; 21-98 and 21-60 --s; and 21-251 --s.

The variety of types isolated from different segregations would certainly have allowed the detectadn of co-segregants, and they are clearly not there. I am in process of checking their nutrition.

Although it may be preferable, I don't think it essential to ship cultures by airmail, so I would regard this a matter of your own convenience.

H-213 is segregating for Mal, Xyl and Mtl, but is Lac⁻. It was isolated from the same cross as H-168, essentially. I do not know whether it is hemi- or homo-zygous for Lac, but it appears to give an excess of Mal⁻ over Mal⁺ upon segregation.

Sincerely,

Joshua Lederberg